



152862

34

STIC EIC 2100 Search Request Form

Today's Date:

5/5/05

What date would you like to use to limit the search?

Priority Date: ASAP 3-28-01 Other:

Name Cong-Lac HuynhAU 2178 Examiner # 76270Room # RND 3A65 Phone 2-4125Serial # 09/820,452

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

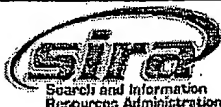
USP DWPI EPO JPO ACM IBM TDBIEEE INSPEC SPI Other _____Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Calculating a result by applying a set of operators to a set of numeric values and following an order of evaluation which respects the open and close parentheses where the numeric values are displayed alongside the one or more operators in the first column and the open parenthesis is in the upper row in the first column and the close parenthesis is in the lower row in the first column. (See figures 14-15 attached).

Art used: - MS Excel 2000, Norden-Paul (US Pat 5,247,611)

Relevant art: MS Office 6 in 1, ^(Shaw) using MS Office 97, ^(Beyu) Excel for Windows 95 Made Easy Spreadsheet and Credit Manager (Terry). ^(Matthews)STIC Searcher C. WongPhone 212-3513Date picked up 5-9Date Completed 5-9-05

File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200529
(c) 2005 Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	258157	COLUMN?
S2	3772	(FIRST OR 1ST) (1W)S1
S3	18488	S1(1N) (ONE OR 1)
S4	2167	(SAME OR SINGLE OR IDENTICAL OR SELFSAME) (1W)S1
S5	295	(COMMON OR INTEGRATED) (1W)S1
S6	943	PARENTHESES?
S7	2934509	VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR NUMERIC?? ? - OR OPERAND? ? OR DIGIT? ? OR INTEGER? ?
S8	972011	OPERAT?R? ? OR FUNCTION? ? OR (OPERATION? ? OR OP OR OPS) (-)FIELD? ?
S9	533561	CALCULAT? OR CALC? ? OR CALCSHEET?
S10	184775	COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR COMPUTATIO- N?
S11	405548	DERIV??? ?
S12	0	S6(5N)S2:S5
S13	649	S7(5N)S2:S5
S14	54	S8(5N)S2:S5
S15	2	S14 AND S13
S16	0	S6 AND S7 AND S8 AND S2:S5
S17	1	S6 AND S7 AND S2:S5
S18	0	S6 AND S8 AND S2:S5
S19	302	S7 AND S8 AND S2:S5
S20	0	S19 AND S6
S21	61	S19 AND S9:S11
S22	19	S7(10N)S8(10N)S2:S5
S23	20	S15 OR S17 OR S22
S24	20	IDPAT (sorted in duplicate/non-duplicate order)
S25	19	IDPAT (primary/non-duplicate records only)

25/9/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014997587 **Image available**
WPI Acc No: 2003-058102/200305
XRPX Acc No: N03-045118

**Computer-based numerical calculation method using calcsheet, involves
displaying mathematical operators and numeric values in columnar format
in operation and number fields of column respectively**

Patent Assignee: BENNETT P W (BENN-I)

Inventor: BENNETT P W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020143831	A1	20021003	US 2001820471	A	20010328	200305 B

Priority Applications (No Type Date): US 2001820471 A 20010328

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020143831	A1		54	G06F-017/24	

Abstract (Basic): US 20020143831 A1

NOVELTY - The mathematical operators and the numeric values input into the computer are displayed in columnar format in the operation and number fields of a column respectively. The input character string is displayed in a row such that the character string spans a width of the operation field and the number field. The result for display is calculated automatically by applying the operators to the numeric values.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Computer-based numerical calculation system; and
- (2) Carrier medium storing computer-based numerical calculation program.

USE - For computer-based numerical calculation using calcsheet used by professional employees such as managers, financial analysts, engineers and business-personals, etc.

ADVANTAGE - More information can be placed on a single screen as the mathematical **operators** and **numeric values** are displayed on a **single column**. Thus allows calculations to be accessed more easily without scrolling operations. The vertical calculations make the calcsheet much easier to use for large number of users.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating computer-based numerical calculation method.

pp; 54 DwgNo 46/53

Title Terms: COMPUTER; BASED; NUMERIC; CALCULATE; METHOD; DISPLAY; MATHEMATICAL; OPERATE; NUMERIC; VALUE; COLUMN; FORMAT; OPERATE; NUMBER; FIELD; COLUMN; RESPECTIVE

Derwent Class: T01

International Patent Class (Main): G06F-017/24

File Segment: EPI

Manual Codes (EPI/S-X): T01-J04A; T01-J11G; T01-S03

?

? t25/k/all

25/K/1 (Item 1 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Job operation management program has function to display list of job advance information which associated attribute value of action with one column attribute of action for each job

Abstract (Basic):

... The program has function to display a list of job advance information which associated attribute value of action with one column attribute of action for each job.

25/K/2 (Item 2 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Abstract (Basic):

... face. Dots (26) formed on the back face are arranged such that dots in a same column have same size. The radius of dots in each row varies as a function of column number based on a specified formula $r = A + B \text{ asterisk } X + C \text{ asterisk } X^2 + D \text{ asterisk } X^3 + E \text{ asterisk } X^4 \dots$

25/K/3 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Abstract (Basic):

... For maintaining data records in tables in computer database, particularly for performing column functions such as averaging, summing, maximum, standard deviation on values in fields that are spread over multiple columns of one or more rows...

25/K/4 (Item 4 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Communication terminal with telephone directory function, increases number of item columns and input columns one by one, until number of registered items reaches upper limit

25/K/5 (Item 5 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Abstract (Basic):

... More information can be placed on a single screen as the mathematical operators and numeric values are displayed on a single column. Thus allows calculations to be accessed more easily without scrolling operations. The vertical calculations make...

25/K/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Abstract (Basic):

... write mode or a search mode. The priority mask circuit has only one row and one column routed to each memory cell, which performs

the **function** of comparing its own address **value** with the origin address, and selectively enables the priority mask for that cell according to...

25/K/7 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Abstract (Basic):

... purchasing unit into pasteriskq matrix, and respectively defines the one-way calculation relationship of the **first column** and each row according to the first one-way h1 **function** and the second one-way h2 **function**. When first calculating the two **values** of a and b, it uses formula $X_k = h2b(h1a(Xpq))$ which proceeds a times...

25/K/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent.. All rts. reserv.

Abstract (Basic):

... The steering **column** module (1) has a **number** of **function** units (F1,..F6) positioned next to one another, their output signals fed to an electronic...

25/K/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Abstract (Basic):

... arranged in M parallel straight rows L(1) to L(N) and N parallel straight **columns** C(1) to C(N). All processors are identical in **function**. The process includes a command step in which a **number** of processors in x non-adjacent columns and or y non-adjacent lines are commanded...

25/K/10 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

...Abstract (Basic): array are memory cells for storing information and cells removed from the main diagonal are **function** cells for transferring information between the memory cells, and at least **one** output **column** of cells for providing an output **value** of the cellular array...

25/K/11 (Item 11 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

...Abstract (Equivalent): The output signal is a **function** of the torque detector, and feeds the motor with a running signal in a direction and **value** as necessary. The steering **column** has **one** shaft connected to the steering wheel and a shaft connected to the 1st shaft. The...

25/K/12 (Item 12 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

...Abstract (Basic): Encoder (8) is a combination circuit comprising logic elements interconnected w.r.t. the switching **functions** fl=dash.al

(a2va3), f2=a1(dash.a2v dash.a3), where the argument indices correspond to the **number** of adder (1) **columns** , and the **function number** corresponds to the encoder (8) output **numbers** .

25/K/13 (Item 13 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

...Abstract (Basic): the place of the 3rd and the 1st is entered in the 2nd column. The **function** is entered in the **1st column** of the matrix and then matrix subtraction takes place to produce an output on a shift register which is the new **function value** for the 1st step of the interval. Bul.31/23.8.80.

25/K/14 (Item 14 from file: 347)

DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT

...BE SOLVED: To easily vary and set the size of a matrix even during the **numeral** input of matrix components without performing operation for setting the size of the matrix and operation for inputting **numerals** of matrix components on independent screens through the matrix input device for inputting matrix data...

...set to the size F '1x1' of a matrix of one row by **one column** is initially displayed, an arbitrary column **number** is set by moving and displaying a closing **parenthesis** symbol. K2 prescribing the **number** of the columns of a matrix in the increase or decrease direction with a right key 12j or left key 12i, and an arbitrary row **number** is set by expanding or contracting and displaying the length of the **parenthesis** symbols K1 and K2 prescribing the **number** of the rows of the matrix in the increase or decrease direction of the **number** of rows with a down key 12h or up key 12g; and the size of...

... set or varied properly by operating the respective direction keys irrelevantly to whether or not **numerals** are inputted to the respective matrix areas.

COPYRIGHT: (C)1999, JPO

25/K/15 (Item 15 from file: 347)

DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT

...part up to the ceiling from a floor surface to a building as a wooden **single column** by the specific **number** of machine screws, and providing a **function** of preventing falling of drawers...

25/K/16 (Item 16 from file: 347)

DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT

... unit, and simultaneously a connector 13 is formed separably so as to make the supporting **column 1** slim, and reduce the **number** of a package. The supporting **column 1** and the electric motor 105 are shared, so that **function** specification is changed easily and design is varied easily by only change of the base...

25/K/17 (Item 17 from file: 347)
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT

... this can be easily kept up with various kinds of diameter and thickness of the column with one piece of the cylinder mechanism 7 and a few number of tip pieces 11, and this function is improved.

25/K/18 (Item 18 from file: 347)
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT

... terminal 101. At the same time, the data as well as a control signal which functions to store the address value of a 1st picture element of a 1st threshold value data block are outputted to a 1 - column threshold value stores RAM address setting circuit 11. The RAM 13 starts the output to...

25/K/19 (Item 19 from file: 347)
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

ABSTRACT

... a page memory on French style printing, thus printing-outputting multi-column printing with page numbers by approximately the same control function as single column printing without undergoing the control of a host system.

File 348:EUROPEAN PATENTS 1978-2005/May W01

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050505,UT=20050428

(c) 2005 WIPO/Univentio

File 324:German Patents Fulltext 1967-200517

(c) 2005 Univentio

Set	Items	Description
S1	430813	COLUMN?
S2	17430	(FIRST OR 1ST)(1W)S1
S3	67415	S1(1N)(ONE OR 1)
S4	10092	(SAME OR SINGLE OR IDENTICAL OR SELFSAME)(1W)S1
S5	1060	(COMMON OR INTEGRATED)(1W)S1
S6	25434	PARENTHESES?
S7	2234130	VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR NUMERIC?? ? - OR OPERAND? ? OR DIGIT? ? OR INTEGER? ?
S8	1550234	OPERAT?R? ? OR FUNCTION? ? OR (OPERATION? ? OR OP OR OPS)(-)FIELD? ?
S9	524229	CALCULAT? OR CALC? ? OR CALCSHEET?
S10	257799	COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR COMPUTATIO- N?
S11	631616	DERIV??? ?
S12	35	S6(5N)S2:S5
S13	5178	S7(5N)S2:S5
S14	629	S8(5N)S2:S5
S15	0	S12 AND S13 AND S14
S16	14	S12 AND S13:S14
S17	15	S12(20N)S7
S18	1	S12(20N)S8
S19	214	S13(20N)S8
S20	0	S19(20N)S6
S21	3	S17:S18 NOT S16
?		

16/K/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

...SPECIFICATION that is either 849.23 or 844.615 ms, see also Table 7,
where the **number** between **parentheses** in **columns** 1 and 2 is the
control multiframe number.

Considering for instance the case corresponding to Table...

...SPECIFICATION that is either 849.23 or 844.615 ms, see also Table 7,
where the **number** between **parentheses** in **columns** 1 and 2 is the
control multiframe number.

Considering for instance the case corresponding to Table...

16/K/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

...SPECIFICATION carbon dioxide gas bubbling. The results of these tests
are shown on Table I. The **numbers** in **parentheses** in the **first**
column represent the **number** of minutes of overflow rinse that was
used. The designation of certain "pits" in parentheses...

16/6/3 (Item 3 from file: 348)
00414468
Numerical controller
Numerische Steuerung
Commande numerique
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200036	415
CLAIMS B	(German)	200036	392
CLAIMS B	(French)	200036	456
SPEC B	(English)	200036	19899
Total word count - document A			0.
Total word count - document B			21162
Total word count - documents A + B			21162

16/K/4 (Item 4 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

...SPECIFICATION same ones as described, for example, in U.S. Patent
Specifications given below, wherein the **numbers** in **parentheses**
indicate the **columns** describing the chemical structures: U.S. Patent
Nos. 3,894,875 (1-2), 3,408...

16/K/5 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description
... families. The two spots in each column are duplicates. SBE probes
(with haploid genome copy **numbers** in **parentheses**) deposited in each
column are 1 - SMR4,T.S (10); 3 - ALR87.C (5 x 105); 5 - ALR259.G (5 x
...

16/K/6 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description
... 397 TC 1 134 0.15 10. 04515
ABC117064 TA 1 630 1 0.07157
Numbers in parentheses in Column 1 are Sequence Identifiers (SEQ
ID NO:)
[00961 The disclosed classifiers likely are predictive of variable...

16/K/7 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description
... biological activity using assays appropriate for measuring the
function of the particular protein. Of special 1 5 interest are
substitutions of charged amino acids with other charged or neutral amino
acids...databases. Table 11 lists the putative chromosomal location of
the polynucleotides of the present invention. Column one lists the
sequence identification number with the corresponding chromosomal
location listed in column two. Thus, the present invention also relates
...

16/K/8 (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description
... determined time frames T1, T2 and T3 as shown by the respective
columns. The numerical values shown in parenthesis in Table 1 under
Columns T I and T3 indicate average bits per second which should have
been identified at...

16/K/9 (Item 5 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description
... to the target cells
is simultaneously with virus, at the final concentrations
(ng/ml) indicated in parentheses in the first column. The
S-chemokine concentration range was selected based on
prior studies (2,3). After 2h...f-chemokines (or CD4 MAb OKT4a) were
added at the final
concentrations (ng/ml) indicated in parentheses in the
first column. Fluorescence emission values were

determined 4h after cell mixing (17). If cell fusion occurs, the dyes are closely...

16/K/10 (Item 6 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description

... to the target cells simultaneously with virus, at the final concentrations (ng/ml) indicated in **parentheses** in the **first column**. The B-chemokine concentration range was selected based on prior studies (2,3). After 2h...B-chemokines (or CD4 MAb OKT4a) were added at the final concentrations (ng/ml) indicated in **parentheses** in the **first column**. Fluorescence emission **values** were determined 4h after cell mixing (17).

if cell fusion occurs, the dyes are closely...

16/K/11 (Item 7 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description

... added to the target cells simultaneously with virus, at the final concentrations (ng/ml) indicated in **parentheses** in the **first column**. The B-chemokine concentration range was selected based on prior studies (2,3). After 2h...f-chemokines (or CD4 MAb OKT4a) were added at the final concentrations (ng/ml) indicated in **parentheses** in the **first column**. Fluorescence emission **values** were determined 4h after cell mixing (17).

if cell fusion occurs, the dyes are closely...

16/K/12 (Item 8 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description

... added to the target cells simultaneously with virus, at the final concentrations (ng/ml) indicated in **parentheses** in the **first : column**. The f-chemokine concentration range was selected based on prior studies (2,3). After 2h...chemokines (or CD4 MAb OKT4a) were added at the final concentrations (ng/ml) 7.ndicated in **parentheses** in the **first column**. Fluorescence emission **values** were determined 4h after cell mixing (17).

Tf cell fusion occurs, the dyes are closely...

16/K/13 (Item 9 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:
Detailed Description

Detailed Description

... column of Table 1 and 2 indicates a compound of the present invention. The (Ref) **numbers** in **parentheses** in the **same column** of these two tables indicate the literature citation for the Compounds tested, as follows.

20...

16/K/14 (Item 1 from file: 324)
DIALOG(R)File 324:(c) 2005 Univentio. All rts. reserv.

Fulltext Availability:
Description (English machine translation)

Description (English machine translation)

... 3-32/- I Clofibrat-22/- I3-30/- 30- 5/- 8-4/- 7 ineffectively ineffectively the **numbers** of the **first column** set in **parentheses** means the LD-values in g/kg, at the mouse with oral gift.

The values...

?

21/K/1 (Item 1 from file: 348)

DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

...SPECIFICATION Anal. Calcd for rational formula" means a calculated value of elemental analysis, while a measured **value** is indicated after "Found". "HPLC" is an abbreviation of High Performance Liquid Chromatography and indicated in the **parentheses** are **column** and eluting solvent.

Example 1

4-((4S)-Fluoro-1-(2-phenylamino-6-benzoxazolylacetyl-(2S)-pyrrolidinylmethoxy...

21/K/2 (Item 2 from file: 348)

DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

...SPECIFICATION EMBODIMENT

Figure 1 shows a 13N test algorithm with data retention test. N is the **number** of addresses 0...N-1 featured in the **first column**. The second column gives the initialization, wherein each address in succession is written with data...

21/K/3 (Item 1 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

Fulltext Availability:

Detailed Description

Detailed Description

... or the CD4 MAb OKT4a) were added at the final concentrations (ng/ml) indicated in **parentheses** in the **first column** of Table 4.

SUBSTITUTE SHEET (RULE 26)

Fluorescence emission **values** were determined 4h after cell mixing. RET and percentage inhibition of RET were calculated as...

?

File 6:NTIS 1964-2005/May W1
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 2:INSPEC 1969-2005/Apr W4
(c) 2005 Institution of Electrical Engineers
File 8:Ei Compendex(R) 1970-2005/May W1
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/May W1
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2005/Apr
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/May W2
(c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2005/Mar W3
(c)2005 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2005/Apr W1
(c) 2005 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Apr
(c) 2005 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/May 06
(c) 2005 The Gale Group
File 144:Pascal 1973-2005/May W1
(c) 2005 INIST/CNRS
File 256:TecInfoSource 82-2005/Mar
(c) 2005 Info.Sources Inc
File 266:FEDRIP 2005/Jan
Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 483:Newspaper Abs Daily 1986-2005/May 07
(c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning

Set	Items	Description
S1	1051994	COLUMN?
S2	1571	(FIRST OR 1ST) (1W)S1
S3	11913	S1(1N) (ONE OR 1)
S4	5125	(SAME OR SINGLE OR IDENTICAL OR SELFSAME) (1W)S1
S5	792	(COMMON OR INTEGRATED) (1W)S1
S6	5132	PARENTHESES?
S7	8936704	VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR NUMERIC?? ? - OR OPERAND? ? OR DIGIT? ? OR INTEGER? ?
S8	5372226	OPERAT?R? ? OR FUNCTION? ? OR (OPERATION? ? OR OP OR OPS) (-)FIELD? ?
S9	3508978	CALCULAT? OR CALC? ? OR CALCSHEET?
S10	2577089	COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR COMPUTATIO- N?
S11	2612754	DERIV??? ?
S12	0	S6(5N)S2:S5
S13	281	S7(5N)S2:S5
S14	69	S8(5N)S2:S5
S15	4	S14 AND S13
S16	0	S6 AND S7 AND S8 AND S2:S5
S17	0	S6 AND S7 AND S2:S5
S18	0	S6 AND S8 AND S2:S5
S19	395	S7 AND S8 AND S2:S5
S20	0	S19 AND S6
S21	181	S19 AND S9:S11
S22	29	S7(10N)S8(10N)S2:S5

S23	29	S15 OR S22
S24	3	S23/2002:2005
S25	26	S23 NOT S24
S26	15	RD (unique items)

? t26/k/all

26/K/1 (Item 1 from file: 6)

DIALOG(R)File 6:(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

... up parameters investigated. Residence time distributions, mass transfer efficiencies, and liquid hold-up as a **function** of column diameter and operating conditions. It was found that the Peclet **number** decreased from 122 for a 1 inch **column** to 58.5 for a 6 inch ID column and finally to 40.6 for...

26/K/2 (Item 1 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

...Abstract: multiple-valued logic functions about the function decomposition method and input variable management method. The **function** decomposition method takes advantage of the property of the column multiplicity in a **single - column** variable partitioning. Due to the increased **number** of identical modules, we can achieve a simpler circuit design by using a single T...

26/K/3 (Item 2 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

...Abstract: decomposed of a pair of a threshold operation in a CAM cell and a logic- **value** conversion shared by CAM cells in the **same column** of a CAM cellular array, which makes a CAM cell **function** simple. Since a threshold operation together with a 4-valued storage element can be designed...

26/K/4 (Item 3 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

Abstract: Consider a family C of classifiers represented by continuous **functions** stored, in discretized form, one **function** per processor in **one column** of a mesh with multiple broadcasting of size square root n^* square root n . In a **number** of contexts in pattern recognition, morphology, and knowledge engineering applications, it is necessary to answer...

26/K/5 (Item 4 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

...Abstract: multilevel combinational logic circuits using multiplexers and additional elementary logic gates. These matrices for any **function** of n variables have two rows and $2^{\sup n-1}$ / **columns**. The **number**, kind and position of columns in a canonical matrix are important for the possibility to...

26/K/6 (Item 5 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts. reserv.

...Abstract: used. One of the proposed structures is superior to the other in terms of the **number** of **functions** realized per **one column**. However, this increase in functionality is achieved at the expense of increasing the **number** of gates per column by 50%.

26/K/7 (Item 6 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts. reserv.

...Abstract: an array. When the array is a square matrix and n is its row (or **column**) **number**, **one** obtains as a limit case the usual monadic determinant **function**. This approach provides a natural definition of the determinant of a non-square array as...

26/K/8 (Item 7 from file: 2)

DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts. reserv.

Abstract: In this APL algorithm, the right argument Y must be a vector of an even **number** of observed independent **values**. The **function** returns an $(N,2)$ -matrix, where N from $(\rho Y)/2$. Column 0 contains the A-coefficients, **Column 1** the B-coefficients.

26/K/9 (Item 1 from file: 8)

DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

...Abstract: under counter-current column operating conditions. The breakage probability data from two small diameter Kuhni **columns** containing **one**, three or five stages have been correlated as a **function** of a modified Weber **number** based on the shearing forces on drops. The critical condition for breakage, giving a maximum...

26/K/10 (Item 2 from file: 8)

DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

...Abstract: optimum switching time from the total reflux operation to a steady state one. This characteristic **function** is easily calculated at any instant by using the observed **values** of temperature in the **column**.
1 ref.

26/K/11 (Item 3 from file: 8)

DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

...Abstract: with enthalpy and equilibrium data for the ternary system nitrogen- argon- oxygen supplied as a **function** of composition. The program in its final state is capable of calculating the **number** of theoretical plates for a **single column**, working up or down, or for a double column with specified undercooling of the reflux...

26/K/12 (Item 1 from file: 34)

DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

...Abstract: The low-level cold and moist biases are in large part due to the climatological **values** of soil moisture availability as a **function** of land-use;category. Experiments with a **one**-dimensional **column** model further quantify the sensitivity of low-level temperatures to the soil moisture availability values...

26/K/13 (Item 1 from file: 35)

DIALOG(R)File 35:(c) 2005 ProQuest Info&Learning. All rts. reserv.

...starts with molecular hydrogen, and the third utilizes an H/H₂ fraction with larger **value** in the outer slabs. The fractional abundance profiles and **integrated column** densities for selected species as **functions** of cloud depth at different times are discussed. A comparison between fractional abundances with observations in TMC1 is given. Total **integrated column** densities obtained via a weighting procedure are designed for unresolved distant sources.

26/K/14 (Item 1 from file: 94)

DIALOG(R)File 94:(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

...ABSTRACT: decomposed of a pair of a threshold operation in a CAM cell and a logic- **value** conversion shared by CAM cells in the **same column** of a CAM cellular array, which makes a CAM cell **function** simple. Since a threshold operation together with a 4-valued storage element can be designed...

26/K/15 (Item 1 from file: 144)

DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

This paper describes the use of evolutionary algorithms in the optimization of distillation systems. Both **single column** and column sequence optimization are treated by a newly developed modular program package. The target **function value** for a given flowsheet is determined by the commercial simulator ASPEN PLUS< SUP T SUP...

(FILE 'HOME' ENTERED AT 17:37:32 ON 09 MAY 2005)

FILE 'COMPUAB, COMPUSCIENCE, CONFSCI, CONF, ELCOM, INFODATA, RDISCLOSURE, ANTE, LISA' ENTERED AT 17:38:19 ON 09 MAY 2005

L1 12882 SEA COLUMN?
 L2 79 SEA (FIRST OR 1ST) (1W) L1
 L3 257 SEA L1(1N) (ONE OR 1)
 L4 155 SEA (SAME OR SINGLE OR IDENTICAL OR SELFSAME) (1W) L1
 L5 32 SEA (COMMON OR INTEGRATED) (1W) L1
 L6 329 SEA PARENTHESES?
 L7 385168 SEA VALUE OR VALUES OR NUMBER# OR NUMERAL# OR NUMERIC? OR
 OPERAND# OR DIGIT# OR INTEGER#
 L8 210010 SEA OPERAT!R# OR FUNCTION# OR (OPERATION# OR OP OR OPS) (W)
 FIELD#
 L9 76602 SEA CALCULAT? OR CALC# OR CALCSHEET?
 L10 91084 SEA DERIV?
 L11 302370 SEA COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR COMPUTAT?
 L12 0 SEA L6(5N) (L2 OR L3 OR L4 OR L5)
 L13 20 SEA L7(5N) (L2 OR L3 OR L4 OR L5)
 L14 7 SEA L8(5N) (L2 OR L3 OR L4 OR L5)
 L15 2 SEA L13 AND L14
 L16 0 SEA L6 AND L7 AND L8 AND (L2 OR L3 OR L4 OR L5)
 L17 2 SEA L6 AND L7 AND (L2 OR L3 OR L4 OR L5)
 L18 0 SEA L6 AND L8 AND (L2 OR L3 OR L4 OR L5)
 L19 49 SEA L7 AND L8 AND (L2 OR L3 OR L4 OR L5)
 L20 0 SEA L19 AND L6
 L21 24 SEA L19 AND (L9 OR L10 OR L11)
 L22 2 SEA L7(10N) L8(10N) (L2 OR L3 OR L4 OR L5)
 L23 28 SEA L15 OR L17 OR (L21 OR L22)
 L24 165382 SEA 2002-2005/PY, PD
 L25 25 SEA L23 NOT L24
 L26 25 DUP REMOVE L25 (0 DUPLICATES REMOVED)

L26 ANSWER 1 OF 25 COMPUSCIENCE COPYRIGHT 2005 FIZ KARLSRUHE on STN
 AN 2000(9):MA31494 COMPUSCIENCE
 TI On construction of fourth-order Chebyshev splines.
 AU Rogina, Mladen
 SO Math. Commun. (1999) v. 4(1) p. 83-92.
 1999.
 DT Journal
 TC Theoretical
 CY Germany, Federal Republic of
 LA English
 IP FIZKA

L26 ANSWER 2 OF 25 COMPUSCIENCE COPYRIGHT 2005 FIZ KARLSRUHE on STN
 AN 1998(5):MA61100 COMPUSCIENCE
 TI An operator-theoretic approach to truncated moment problems.
 AU Curto, Raul E.
 SO Editor(s): Janas, Jan et al.
 Warsaw: Polish Academy of Sciences, Inst. of Mathematics, Banach Cent.
 Publ. v. 38. 1997. p. 75-104.
 Conference: Linear operators. Proceedings of the semester organized at
 the Stefan Banach International Mathematical Center, Warsaw, Poland, 1994
 DT Book Article; Conference
 TC Theoretical
 CY Germany, Federal Republic of
 LA English
 IP FIZKA

L26 ANSWER 3 OF 25 COMPUSCIENCE COPYRIGHT 2005 FIZ KARLSRUHE on STN

- AN 1994(9):AC50623 COMPUSCIENCE
 TI Computer graphics. tools for visualization.
 AU Firebaugh, Morris W.
 SO Dubuque, IA: William C. Brown Communications Co. 1993. 547 p.
 ISBN: 0-697-11646-8
 DT Book
 LA English
 IP ACM-CR
- L26 ANSWER 4 OF 25 COMPUSCIENCE COPYRIGHT 2005 FIZ KARLSRUHE on STN
 AN 1989(2):AC44 COMPUSCIENCE
 TI Matrix logic.
 AU Stern, August (Intelligent Systems Technology USA)
 SO Amsterdam, The Netherlands: North-Holland Publishing Co. 1988. 215 pp.
 ISBN: 0-444-70432-9
 DT Book
 LA English
 IP ACM-CR
- L26 ANSWER 5 OF 25 COMPUSCIENCE COPYRIGHT 2005 FIZ KARLSRUHE on STN
 AN 1986(6):AC514 COMPUSCIENCE
 TI Symbolic semantics and program reduction.
 AU Ambriola, Vincenzo; Giannotti, Fosca; Pedreschi, Dino; Turini, Franco
 (Univ. di Pisa, Pisa, Italy)
 SO IEEE Trans. Softw. Eng. (Aug. 1985) v. SE-11, 8 , p.784-794.
 DT Journal
 LA English
 IP ACM-CR
- L26 ANSWER 6 OF 25 COMPUSCIENCE COPYRIGHT 2005 FIZ KARLSRUHE on STN
 AN 1986(3):MA3304 COMPUSCIENCE
 TI The crippled Queen placement problem.
 AU Wagner, Robert; Geist, Robert
 SO Sci. Comput. Program. (1984) v. 4 p. 221-248.
 DT Journal
 LA English
 IP FIZKA
- L26 ANSWER 7 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Relationship between refrigerant flow passage diameter and **number**
 of refrigerant passes in an automotive condenser
- L26 ANSWER 8 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI A method to store and to process extensible sets of property
values
- L26 ANSWER 9 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN.
 TI General decision tree generator and navigator for a production rule system
- L26 ANSWER 10 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Language independent interface for handling concurrent dual currencies
 within the same locale
- L26 ANSWER 11 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Migration of 3270 user interface transactions to web user interface
 transactions
- L26 ANSWER 12 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Self-healing actuator servo for hard disk drives
- L26 ANSWER 13 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Migration of 3270 user interface transactions to web user interface
 transactions

- L26 ANSWER 14 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Oxygen enrichment of air: process developments and economic trends
- L26 ANSWER 15 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Process for converting hydrocarbon feed to high purity benzene and high
 purity paraxylene
- L26 ANSWER 16 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Granular laundry detergent composition containing polemeric chlorine
 scavenger
- L26 ANSWER 17 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Computer controlled video device and slide projector interface arrangement
- L26 ANSWER 18 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Computer controlled slide projector interface arrangement
- L26 ANSWER 19 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Electronic still camera
- L26 ANSWER 20 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Apparatus for controlling charge on a photoconductor
- L26 ANSWER 21 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Photographic processes and products
- L26 ANSWER 22 OF 25 RDISCLOSURE COPYRIGHT 2005 KENNETH MASON PUBL. on STN
 TI Upgrading of reformates by selective cracking of low octane components
- L26 ANSWER 23 OF 25 COMPUAB COPYRIGHT 2005 Cambridge Scientific Abstracts
 on STN
 TI Programmable synthesis of multi-valued multi-threshold functions for
 implementation using charge-coupled devices.
- L26 ANSWER 24 OF 25 ELCOM COPYRIGHT 2005 Cambridge Scientific Abstracts on
 STN
 TI Programmable synthesis of multi-valued multi-threshold functions for
 implementation using charge-coupled devices.
- L26 ANSWER 25 OF 25 COMPUAB COPYRIGHT 2005 Cambridge Scientific Abstracts
 on STN
 TI Ultracentrifugal analysis of protein-nucleic acid interactions using
 multi-wavelength scans

=>

File 9:Business & Industry(R) Jul/1994-2005/May 06
 (c) 2005 The Gale Group
 File 13:BAMP 2005/May W1
 (c) 2005 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2005/May 06
 (c) 2005 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2005/May 09
 (c) 2005 The Gale group
 File 38:Gale Group Business A.R.T.S. 1976-2005/May 06
 (c) 2005 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2005/May 09
 (c)2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2005/May 09
 (c) 2005 The Gale Group
 File 570:Gale Group MARS(R) 1984-2005/May 09
 (c) 2005 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/May 09
 (c) 2005 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2005/May 09
 (c) 2005 The Gale Group
 File 649:Gale Group Newswire ASAP(TM) 2005/Apr 12
 (c) 2005 The Gale Group

Set	Items	Description
S1	1154018	COLUMN?
S2	10741	(FIRST OR 1ST) (1W)S1
S3	18212	S1(1N) (ONE OR 1)
S4	4552	(SAME OR SINGLE OR IDENTICAL OR SELFSAME) (1W)S1
S5	553	(COMMON OR INTEGRATED) (1W)S1
S6	31261	PARENTHESES?
S7	11651633	VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR NUMERIC?? ? - OR OPERAND? ? OR DIGIT? ? OR INTEGER? ?
S8	4041978	OPERAT?R? ? OR FUNCTION? ? OR (OPERATION? ? OR OP OR OPS) (-)FIELD? ?
S9	950117	CALCULAT? OR CALC? ? OR CALCSHEET?
S10	1388201	COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR COMPUTATIO- N?
S11	669615	DERIV??? ?
S12	74	S6(5N)S2:S5
S13	1734	S7(5N)S2:S5
S14	230	S8(5N)S2:S5
S15	0	S12(S)S13(S)S14
S16	11	S12(S)S13:S14
S17	33	S12(S)S7:S8
S18	69	S14(S)S7
S19	0	S18(S)S6
S20	603	S6(S)S7(S)S8
S21	10	S20(S)S2:S5
S22	43	S16:S17 OR S21
S23	8	S22/2002:2005
S24	35	S22 NOT S23
S25	24	RD (unique items)

? t25/k/all

25/K/1 (Item 1 from file: 13)
DIALOG(R)File 13:(c) 2005 The Gale Group. All rts. reserv.

TEXT:

...Information over Time (1992-1997) for Two Sets of Managers
(White-Corrected Standard Errors in **Parentheses**)
High-Level Managers from
ExecuComp (**Columns** 1 -8)
(1) (2)
Frac.
Firms
Fraction with (greater than or
Year Female equal to) 1...

...female, experience,
experience-squared, a linear term for education, an indicator for
black, and one **digit** industry indicators.

...

25/K/2 (Item 2 from file: 13)
DIALOG(R)File 13:(c) 2005 The Gale Group. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...employers providing data on where
responsibility for the activity is assigned, as shown by the **first**
column of **number** in **parentheses** . Percentages may not add to 100 due
to rounding.
(2) Percentages are based on employers...

...on where costs of the activity are
budgeted, as shown by the second column of **numbers** in parentheses.
Percentages may not add up to 100 due to rounding.
(Source: Bureau of...

25/K/3 (Item 3 from file: 13)
DIALOG(R)File 13:(c) 2005 The Gale Group. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Notes: Computed from pooled sample of couples using weights
(see table 1). Standard errors in **parentheses** , **columns** 1 -5.
The regression coefficient estimates are estimated without
sample weights. The dependent variable is the...

...dollars. The definitions
of the wealth components are given in table 1. Households
with 0 **values** for a particular component are included in all
computations. See table 3 for an explanation...

25/K/4 (Item 4 from file: 13)
DIALOG(R)File 13:(c) 2005 The Gale Group. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Worked	--	--	--
R2	.264	.252	.305
Includes Industry			
Fixed Effects	No	No	No
Unit of Analysis/ Number			
of Observations	Industry-Occupations/272		
1984-1993			
Intercept	.0007	-.001	.0003
	(.007)	(.007)	(.007)

Change...

...Worked			
R2	.170	.157	.171
Includes Industry			
Fixed Effects	No	No	No
Unit of Analysis/ Number			
of Observations	Industry-Occupations/272		
Control Variable	OLS	OLS	OLS
1975-1984			
Intercept	.006	--	.027...

...0.33)	--	--	
R2	.130	.463	.303
Includes Industry			
Fixed Effects	No	Yes	--
Unit of Analysis/ Number			
of Observations			Inds./68
1984-1993			
Intercept	-.015	--	-.008
	(.006)		(.012)

Change in Computer Use...

...Worked	(.021)	--	--
R2	.078	.355	.053
Includes Industry			
Fixed Effects	No	Yes	--
Unit of Analysis/ Number			
of Observations			Inds./68

Notes: Standard errors in parentheses . In columns 1 -5
 (6) the dependent variable is the change in women's share
 of hours worked...

25/K/5 (Item 5 from file: 13)

DIALOG(R)File 13:(c) 2005 The Gale Group. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...110) (0.097)
 Notes: Sample size = 1,527. OLS regression coefficients with
 standard errors in parentheses . Dependent variable in Columns
 1 and 2 is the natural log of the number of weeks of relevant
 experience; mean (standard deviation) is 2.843 (2.445).
 Dependent variable in Columns 3 and 4 is the natural log of
 the number of weeks of potential experience; mean (standard

deviation) is 4.947 (2.210). All equations...

25/K/6 (Item 6 from file: 13)
DIALOG(R)File 13:(c) 2005 The Gale Group. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...0.078

(0.056) (0.056) (0.046) (0.046)

Notes: Standard errors are in **parentheses**. In **Columns 1** and 2, the specifications are of the form described in Equation 9. They include **step functions** in experience and tenure, dummy variables for black and Hispanic, controls for age at the...

25/K/7 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

... listed in Table 1.

Table 1. List of genes and features of chromosome VIII. The **number** of the cosmid (as submitted to GenBank) and its accession **number** are listed above the elements included in that database entry. **Column 1**: Nucleotide position of the start of each designated element (ATG for ORFs, the first nucleotide...

...His; P, Pro; Q, Gln; S, Ser; T, Thr; and V, Val.); the letters in **parentheses** are the codon recognized by the tRNA; and w and c designate that the tRNA...

...YHR129c) were named during the course of this work. Column 4: A description of the **function** of the genes. A description of the protein most similar to the other genes is...

...scores between 70 and 100 are considered suggestive of a relation. Column 6: Database accession **number** of the closest homolog. In the few cases where comparison of predicted proteins to the BLOCKS database[19] revealed potential similarities not found by BLAST, the **number** of the BLOCKS entry is given.

The sequence contains 269 nonoverlapping open reading frames (ORFs...

25/K/8 (Item 2 from file: 47)
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

... way before importing it. This effort was not always successful.

While data can be translated (**one column** can be the computed result of one or more columns), the **functions** are limited. Since Microstat II does not include the MODULO **function** required by the biology task, a complex formula composed of **INTEGER functions** was used to replace the missing MODULO. However, the calculated results were incorrect, apparently because of a malfunction in the **parentheses** nesting hierarchy.

Another shortcoming of Microstat II is its lack of graphics. The package does...

25/K/9 (Item 1 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... data. In Figure I we plot the proportion of fixed-cost contracts as a function of the age of the firm. In Figure II we plot the average share of overrun...

...firms. Standard errors of the means and the difference in means are presented in parentheses. In columns (1) to (3) we show the contrast between young firms (created in 1994 or after) and old...

25/K/10 (Item 2 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... 31 October
1995. One standard error of the mean of two plots is shown in **parentheses**. Within the **same column**, **values** with the same superscript letter are not significantly different (P (greater than) 0.005).

25/K/11 (Item 3 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... Notes: Computed from pooled sample of couples using weights (see table 1). Standard errors in **parentheses**, **columns** 1 -5. The regression coefficient estimates are estimated without sample weights. The dependent variable is the...

...dollars. The definitions of the wealth components are given in table 1. Households with 0 **values** for a particular component are included in all computations. See table 3 for an explanation...

25/K/12 (Item 4 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... in 1979 (-5.059)
Constant 4.022

Note. Unstandardized regression coefficients are reported in the **first column**, with t- **values** in **parentheses**
N = 5,486 respondents
at risk of dropping out after 1979 (excludes those who graduated...

25/K/13 (Item 5 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... the means on the three measures of illusory correlation for each condition, with the actual **numbers** given in **parentheses** in the **first column**. In order to test for illusory correlation, a phi coefficient was computed from each participant...

25/K/14 (Item 6 from file: 88)
DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... sympatry in the San Mateo
Mountains. Quercus grisea was the pollen donor in both crosses.
Numbers in **parentheses** under the (F.sub. 1) **column** give the
number of

offspring displaying a particular fragment pattern.

		Parents		
Cross	Primer	gris	gam	(F.sub.1...

25/K/15 (Item 7 from file: 88)

DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... as shown in Tables II, III, and IV with those provided by Bartik [2; 3]. **Numbers in parentheses in columns one** and two give the 95% confidence intervals for the estimates provided by Bartik. **Numbers in parentheses in columns three through five** give 95% confidence intervals for the estimated elasticities...

25/K/16 (Item 8 from file: 88)

DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... the fact that equal prices prevailed at any point in time.

The Results

Since the **number** of hit singles or hit albums by any singer is nonnegative, tobit regressions are used...

...I contains the estimated coefficients and associated probabilities of a larger Chi-square statistic (in **parentheses**) for the **single**-stage (**columns two and three**), two-stage (**columns six and seven**), and multiple-stage (**columns eight and...**

25/K/17 (Item 9 from file: 88)

DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... 2] - 0.029 (65.58)

LLF -21247.4 -20832.9

(*) Asymptotic t-ratios are in **parentheses**.

The **first column** of Table I displays results for the homoscedastic version of the model. Asymptotic t statistics...

...the estimated standard error of the model is 28363.9; the logarithm of the likelihood **function** is -21247.4. In general the results are in conformance with those that casual empiricism...

25/K/18 (Item 10 from file: 88)

DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

TEXT:

...III showing the case of embezzlement or fraud and Table IV larceny or theft. The **first column** in both tables shows the simple specification with the change in the (logarithmic) **values** of pre- and postconviction income. They provide strong evidence that incomes decline after conviction. Columns...

...presentence level of \$702,415 and \$92,424 in Tables III and IV. Since these **values** are 11.4 and 5.5

25/K/19 (Item 11 from file: 88)

DIALOG(R)File 88:(c) 2005 The Gale Group. All rts. reserv.

... lagged real income
Inh (-1) = natural log of lagged real private non-housing investment.
(2) **Numbers in parentheses** are t-ratios. (3) **Column (1)** is the OLS result. In column (2) the real deposit rate of interest is endogenous...

25/K/20 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

... FSO - ships, barges, semis, TLPs, and TLWPs) with the number of each type included in **parentheses** if more than **one** .
3rd **column** : The water depth in feet, followed by the **number** of development wells planned.
4th column: Status includes: planned, bidding, construction, and designing, followed by...

25/K/21 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

... of this analysis is on the output elasticity of highway capital which is discussed below. **Column (4. 1)** presents GLS estimates with no time and province effect. It shows that the highway capital...

25/K/22 (Item 3 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

... and Gas Journal. The rest of the essay will use the capitalized abbreviations given in **parentheses** in the **first column** of the following table which presents the data period for each price series. Also given...

25/K/23 (Item 4 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

... LTV and DCR on the supply side. In column (2), lenders use the loan-to- **value** ratio as their binding underwriting (TABULAR DATA FOR TABLE 1 OMITTED) standard, but not the...

25/K/24 (Item 5 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

... the market shares of the mortgage type are reported with the mean selling price in **parentheses** . The **first column** reports the **number** of transactions and the second column, the FHA housing price ceiling. This table indicates that...

File 696:DIALOG Telecom. Newsletters 1995-2005/May 06
(c) 2005 The Dialog Corp.
File 15:ABI/Inform(R) 1971-2005/May 09
(c) 2005 ProQuest Info&Learning
File 98:General Sci Abs/Full-Text 1984-2004/Dec
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(c) 2005 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2005/Apr W4
(c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/May W2
(c) 2005 IDG Communications

Set	Items	Description
S1	1054059	COLUMN?
S2	8850	(FIRST OR 1ST) (1W) S1
S3	17390	S1 (1N) (ONE OR 1)
S4	2891	(SAME OR SINGLE OR IDENTICAL OR SELFSAME) (1W) S1
S5	143	(COMMON OR INTEGRATED) (1W) S1
S6	19155	PARENTHESES?
S7	13219209	VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR NUMERIC?? ? - OR OPERAND? ? OR DIGIT? ? OR INTEGER? ?
S8	3549775	OPERAT?R? ? OR FUNCTION? ? OR (OPERATION? ? OR OP OR OPS) (-) FIELD? ?
S9	1002349	CALCULAT? OR CALC? ? OR CALCSHEET?
S10	870608	COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR COMPUTATIO- N?
S11	597835	DERIV??? ?
S12	44	S6 (5N) S2:S5
S13	1285	S7 (5N) S2:S5
S14	71	S8 (5N) S2:S5
S15	0	S12 (S) S13 (S) S14

S16	8	S12(S)S13:S14
S17	27	S12(S)S7:S8
S18	26	S14(S)S7
S19	2	S18(S)S6
S20	303	S6(S)S7(S)S8
S21	35	S20(S)S2:S5
S22	61	S16:S17 OR S19 OR S21
S23	5	S22/2002:2005
S24	56	S22 NOT S23
S25	56	RD (unique items)
S26	36	S25 NOT STANDARD() (ERROR? OR DEVIATION?)
?		

? t26/k/all

26/K/1 (Item 1 from file: 15)

DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

...TEXT: from low for the indicator in parentheses to high on the personality factor outside the **parentheses** . So, for example, in the **first column** a higher scale **value** indicates extrovertness while a lower **value** indicates introvertness. The extroverts were more interested and had more fun with the electronic groups...

26/K/2 (Item 2 from file: 15)

DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

...TEXT: Table 3 shows the factor assignment according to the L
sub 18

orthogonal array. The **numbers** in **parentheses** in the **first column** of Table 3 represent the sequence of the experiments conducted, which was randomly decided to...

26/K/3 (Item 1 from file: 98)

DIALOG(R)File 98:(c) 2005 The HW Wilson Co. All rts. reserv.

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... n = 59) were excluded from analysis. Categories do not add to totals because of missing **values** . **Values** in **parentheses** reflect percentages of **first column** .

TABLE 2--Counseling of Overweight Respondents to Lose Weight:
Connecticut, 1994

Variables	n	[percent] Counseled...
-----------	---	------------------------

26/K/4 (Item 1 from file: 484)

DIALOG(R)File 484:(c) 2005 ProQuest. All rts. reserv.

TEXT:

... is among the covariates.

Table 3 provides the results of the regression (t-statistics in **parenthesis**). In **column 1** , the migration rate is regressed on a constant (not shown), a country dummy, the log...

...the wage in the closest neighbor of destination country to the wage in Italy, the **number** of Italian migrants who are currently resident in the destination country (in thousands), and the **number** of Italian migrants who are currently resident in the closest neighbor of the destination country...

26/K/5 (Item 2 from file: 484)

DIALOG(R)File 484:(c) 2005 ProQuest. All rts. reserv.

TEXT:

... the means on the three measures of illusory correlation for each

condition, with the actual **numbers** given in **parentheses** in the **first column** . In order to test for illusory correlation, a phi coefficient was computed from each participant...

26/K/6 (Item 3 from file: 484)
DIALOG(R)File 484:(c) 2005 ProQuest. All rts. reserv.

TEXT:

... the interaction term between this variable' and years since migration (YSM) are shown' in the **first column** of Table 1. (The t-statistics' of the estimated parameters are in **parentheses** ;' full regression results for the estimations' excluding the country-of-origin variables' are available in...

...kinship' basis have higher earnings growth. The last' row of Table 1 shows the predicted **number** ' of years until the earnings of a kinship-admitted' immigrant catch up to the earnings of an' occupational skills-admitted immigrants.9' The catch-up time is a **function** of the effect' of admission type on entry earnings relative' to the effect of admission...

...Although the patterns we find are very strong' and of policy significance, there are a' **number** of ways our analysis could be improved' and further developed. One obvious avenue' for further...includes both the' third and the sixth occupational preference' categories. It is computed as the **number** ' of immigrants admitted on the basis of occupation' skills, available by country of chargeability,' divided by the total **number** of immigrants,' available by country of birth. Thus the first' step in our data creation...

...to match the' INS country of birth and country of chargeability' records. This limited the **number** of countries' in our dataset to those for which INS reported' both country of birth...

26/K/7 (Item 1 from file: 553)
DIALOG(R)File 553:(c) 2005 The HW Wilson Co. All rts. reserv.

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... by F. R. Parra Associates in cooperation with Middle East Economic Survey. Some recent years' **values** are calculated using crude-specific formulas published in Petroleum Economist and/or Petroleum Intelligence Weekly...

...and Gas Journal. The rest of the essay will use the capitalized abbreviations given in **parentheses** in the **first column** of the following table which presents the data period for each price series. Also given...

26/K/8 (Item 1 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: UV light and exhibit an unusual mutational spectrum (B5) . The RAD30 gene of *Saccharomyces cerevisiae* **functions** in error-free bypass of

UV lesions (B6) (B7) . RAD30 encodes a DNA polymerase, Pol...

...3-kb cDNA insert was isolated. Sequence analysis (B10) of this cDNA (B11) (GenBank accession **number** AF158185) indicated that the protein encoded by the human gene displays significant homology to the...of hRad30 (Fig. 1A), this hRad30 truncation is likely to result in the loss of **function** . The other four truncated proteins would contain only 35 to 220 amino acids of hRad30, and it is likely that they inactivate hRad30 **function** . Yeast Rad30 deleted beyond residue 340 has no DNA polymerase activity, and this mutation does...

...it lies in a conserved region of the protein; thus, it may also affect hRad30 **function** . Two of the cells lines (XPPHBE and XP1SF) have a mutation in only one of...

...in hRAD30 are responsible for XP-V. Our results also suggest that loss of hRad30 **function** is not lethal. XP-V cells are hypermutable with UV light, and they are less...

...5 (prime) -monophosphate opposite photoproducts involving thymine (B5) . These observations support the notion that hRad30 **functions** in error-free replication of DNA containing a T-T dimer in a manner similar...

...hRad30) and S. cerevisiae Rad30 (yRad30) protein sequences. Identical and highly conserved residues are highlighted. **Numbers** in **parentheses** indicate amino acid positions; asterisks indicate stop codons. (B) Schematic representation of homology between human...

...motifs are indicated. Gaps have been introduced for optimal alignment. Protein lengths are indicated by **numbers** on the right. Abbreviations for the amino acid residues are as follows: A, Ala; C...

...Figure Removed
Removed

Begin Table : **Columns** 1 - 4 of 5

Caption:
Mutations identified in XP-variant cell lines.

Cell	Repository	Ancestry	Mutational...
------	------------	----------	---------------

26/K/9 (Item 2 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: C03B2 subclones were tested for their ability to rescue sdc-2(y46) partial loss-of- **function** mutants ((double-dagger)), sdc-2(y74) null mutants ((section)), or both ((dagger)). +, rescue; -, failure to rescue. The **number** of rescuing lines relative to total lines is indicated in **parentheses** . The minimal rescuing region (12.6 kb) is bounded by dashed vertical lines. B, Bgl...

...diamidino-2-phenylindole (DAPI) (blue) are shown. Merged image in (F) superimposes images from the **first** two **columns** with DAPI. Yellow color indicates overlap between DPY-27 and SDC-2. (A to C...Figure Removed

Caption:

Ectopic expression of sdc-2 kills XO animals.

sdc-2 induces...

26/K/10 (Item 3 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: measure of fit between data and hypothesis in stratocladistics is "parsimony debt," or the total **number** of ad hoc hypotheses required to explain a given body of character and stratigraphic data...

...characters are checked within each lineage for evolution, accommodating change during both anagenesis and cladogenesis. **Values** selected for these first four parameters constitute an evolutionary model. The final parameter, OTU-loss seven lineages, the **number** of OTUs in complete histories often leads to more cladograms than can be saved with...

...The model runs to a maximum of 26 intervals, a limitation imposed by the maximum **number** of states in the stratigraphic character in MacClade, the software used for stratocladistic analysis (B12...

...completeness of the fossil record on the relative performance of stratocladistics and cladistics. This percentage **value** is different from per-individual preservation probability (which might be vanishingly small for the real...

...analyzed two sets of experiments, both with (λ) = 0.15 and (μ) = 0.08. These **values** were chosen, like the threshold of seven lineages, to yield complete histories that would not...

...and 500 taxon-by-character matrices. In the second set, $F = 2B$, and B had **values** of 0.025, 0.05, 0.1, 0.15, 0.2, and 0.25. Of...

...that models with low transition probabilities (≤ 0.1) are more realistic than those with higher **values**, but "real" **values** of these parameters are unknown. The 550 unique data matrices encompass phylogenetic problems with ingroups...

...in MacClade. Currently, no computer algorithm performs complete stratocladistic analyses, partly because of the increased **number** of hypotheses involved when considering phylogenetic trees rather than just cladograms. Thus, our stratocladistic analyses...

...produced far fewer hypotheses than cladistics from the same character data. The mean and median **numbers** of cladistic topologies were 298 and 12, with a maximum of 18,900 (for an analysis that yielded a single stratocladistic topology); the mean and median **numbers** of stratocladistic topologies were 2.4 and 1, with a maximum of only 44. To...
...than would real data, we compared retention indices (RIs) of our cladistic results with published **values** for 80 data matrices that include fossils (B16). The published matrices had a mean RI...

...the position of a mismatch within a topology, basal or crownward, does not affect its **value**. The maximum, average, and minimum CFIs for both

methods for all data matrices indicate that...

...the true phylogeny whereas stratocladistics did not. Considering both recovery of the true phylogeny and **numbers** of topologies generated, the 52% of all data sets in which stratocladistics outperformed cladistics yielded...

...To examine the relation between the variables in our study and **values** of CFI.inf(max), we grouped the data in Fig. 2A by percent OTU-loss...

...inferring phylogeny. The stratigraphic order of taxa preserved in the fossil record is a complex **function** of presence and absence controlled by many physical, chemical, and biological factors. To ignore this... alternative cladograms and below each is an associated phylogenetic tree. The two characters shown in **parentheses** occur in primitive (0) and derived (1) states in O, Y, and Z and in...
...Figure Removed

Begin Table : Columns 1 - 6 of 6

Caption:

Mean CFImax and results of sign tests by percent OTU-loss...

26/K/11 (Item 4 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: calculations were performed at the MP2 level with counterpoise corrections to improve accuracy.

End Table: Columns 1 - 6 of 6

Figure F1

Caption: The effect of the three tunneling motions on...

...group theory (B2) . These labels describe the symmetry of the different water dimer tunneling wave **functions** . The splitting or shift of the VRT states is inversely related to the tunneling barriers...

...Figure Removed

Begin Table : Columns 1 - 6 of 6

Caption:

Geometrical parameters and energies for the water trimer and tetramer cyclic...

26/K/12 (Item 5 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: Table : Columns 1 - 1 of 1

Caption:

C/D box snoRNAs in *S. cerevisiae* that **function** as methylation guides. Previously unidentified snoRNAs or methylation sites are in boldface. Previously identified snoRNAs...

...been determined to be methylation guides are in italics. "Match/Mismatch" column refers to the **number** of base pairings (G-U included) and mismatches found within the snoRNA complementary region-rRNA...

...RNA positions are numbered as in Reference B10 . The last column gives the GenBank accession **numbers** .

Figure Removed

Footnote:

* , data presented in this work; (direct-product) , tentative assignment ...to inconclusive assay for methyl loss; ND, not determined; (direct-sum) , previously identified, references in **parentheses** .

End Table: Columns 1 - 1 of 1

26/K/13 (Item 6 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: omitted in the refinement process.

Footnote:

RMSD is the root mean square deviation.

End Table: Columns 1 - 5 of 9

Begin Table : Columns 6 - 9 of 9

Caption:
Crystallographic data...

26/K/14 (Item 7 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: infection) and late (>5 years after HIV-1 infection). These analyses yielded two separate RH **values** (for combined cohorts with four AIDS outcomes): (i) adjusted RH (RH.inf(adj)), where the...

...endpoints and after 6 years for death (that is, although RH > 1.0, the P **values** for late stages are all >0.05). The overall and time-dependent effect of CCR5P1...B1) (B5) (B6) (B7) (B8) (B9) (B10) (B11) (B16) (B31) (B32) (B33) , combined with demonstrated **functions** for their gene products in AIDS pathogenesis (B25) , provide a compelling example of multigenic influence...

...64I, or SDF1-3 (prime) A/3 (prime) A) are shown by dashed lines. RH **values** for genotypic protection by [+P1.]/[+P1.] versus all other genotypes and CCR5-+/ (Delta) 32, CCR2...

...CCR5-+/ (Delta) 32, CCR2-/64I, and SDF1-3 (prime) A/3 (prime) A genotypes (in parentheses ; see text). (C and D) Frequencies of the susceptible [+Pl.+)/[+Pl.+) genotype, in six time...
...AIDS progression for AIDS-1993 (E) and AIDS-1987 (F). (chi) .sup(2) and P values reflect a Mantel-Haenszel test for a linear association between genotypic frequencies and increased time...

...Figure Removed

Begin Table : Columns 1 - 7 of 7

Caption:

Survival analyses of progression to AIDS outcomes by Caucasians with the...

26/K/15 (Item 8 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: the number of individual plumes
observed per 10,000 km of flight distance.
End Table: Columns 1 - 7 of 7

Figure F4

Caption: Density function of the upper tropospheric O₃ (PV < 2PVU) over the eastern United States (30...

...to 12 km) (A) in autumn and (B) in summer. n(c) is the accumulation function counting the number of samples in the O₃ concentration range [-infinity.,c], normalized by the total number of samples. Solid lines indicate samples within large-scale NO_x* plumes (class P). Dashed lines indicate samples outside the plumes (class NP). Mean values of O₃, PV, and sample size (n) per class and season: (Summer) P...

26/K/16 (Item 9 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: parameters are not significantly different from +/+ (P > 0.3, Student's t test).
End Table: Columns 1 - 3 of 3

Figure F2

Caption: Sperm function in the absence of fertilin (beta) . (A and B) Binding of fertilin (beta) .sup(+/+) or...

...expressed as the mean percentage of control (fertilin (beta) .sup(+/+)) +/- SEM; n = 7. The average number of bound fertilin (beta) .sup(+/+) and fertilin (beta) .sup(-/-) sperm per egg was 8.8...

...FR, percentage of eggs fused with at least one sperm) and fertilization index (FI, mean number of fused sperm per egg). The average values of FR and FI in controls were 66.6 +/- 8.3 and 0.74 +/- 0...

...zona pellucida (B20) , expressed as the mean percentage of control +/- SEM; n = 3. The average number of bound fertilin (beta) .sup(+/+) and

fertilin (beta) .sup(-/-) sperm per zona-intact egg was...
...In the single case where fertilin (beta) .sup(-/-) sperm were found in the oviduct, their **number** was about one-tenth of that found for fertilin (beta) .sup(+/+) sperm. The **numbers** in **parentheses** indicate the **numbers** of eggs (A to D) and the **numbers** of animals (E) observed...

...Figure Removed
Removed

Begin Table : Columns 1 - 4 of 4

Caption:

Fertility of fertilin (beta) +/+, fertilin (beta) +/-, and fertilin (beta) -/- males Reference...

26/K/17 (Item 10 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: $T / (\partial T / \partial P)$ resulted in different lower mantle bulk compositions. The lower **values** of a and vertical bar $(\partial K / \partial T) / (\partial T / \partial P)$...

...similar to pyrolite (B8) $[Si / (Mg + Fe) = 0.69]$, whereas analyses based on the higher **values** of a and vertical bar $(\partial K / \partial T) / (\partial T / \partial P)$...

...suitable for ultrasonic experiments with bulk densities within 2% of the single-crystal x-ray **values** (Table 1...were determined from the in situ x-ray diffraction observed in our study. The **G values** that we calculated (Fig. 2) as a **function** of pressure at temperatures from 300 to 800 K were fit as linear **functions** of pressure and temperature, which resulted in the **values** of G and the derivatives of G (Table 1). By averaging the parameters for the...

... $G / (\partial T / \partial P) = -0.9(3) \times 10^{-2}$ GPa/K. (**Numbers** in **parentheses** are uncertainties in measured parameters...
...of G that were consistent with previous measurements or predictions (Table 1). The experimental G **values** are consistent with those obtained by averaging the single-crystal elastic moduli that were measured...

... $G / (\partial P / \partial T)$ and $(\partial G / (\partial T / \partial P))$ **values** agree with elasticity systematics estimates (B1) . Our $(\partial G / (\partial P / \partial T))$ **value** is similar to the recent measurement for $ScAlO_3$ perovskite, which is sometimes regarded...

...perovskite because of the similarities in the ionic radii of the cations (B17) ; however, our **value** of $(\partial G / (\partial P / \partial T))$ is higher than the high-temperature...

...modeled for a hot, adiabatically decompressed lower mantle (B4) (B5) . To reconcile the high measured **value** of G with the **value** of G for a lower mantle of pyrolite (B8) at a potential temperature of 1600...

...found the average vertical bar $(\partial G / (\partial T / \partial P))$ vertical bar **value** of 2×10^{-2} to

2.5×10^{-2} GPa/K...
 ...seismic wave velocities in the lower mantle, Wang and Weidner (B5) deduced the temperature-averaged **value** of vertical bar ((partial-derivative) $G / (\partial T / \partial P)$) vertical bar to be ...
 ...require a larger vertical bar ((partial-derivative) $G / (\partial T / \partial P)$) vertical bar **value** of $\sim 5.5 \times 10^{-2}$ GPa/K. In contrast, Zhao and Anderson (B19) found that a vertical bar ((partial-derivative) $G / (\partial T / \partial P)$) vertical bar **value** of 3.5×10^{-2} GPa/K was compatible with a wide range of perovskite-rich compositions. An indirect constraint on the **value** of vertical bar ((partial-derivative) $G / (\partial T / \partial P)$) vertical bar comes from...
 ... $\ln V(s)$ speeds. Karato (B21) argued that anelastic effects are required to explain the large **values** of $[(\partial \ln V(s) / \partial \ln V(P))]$.
 ...the temperature-averaged vertical bar ((partial-derivative) $G / (\partial T / \partial P)$) vertical bar **value** of about 3×10^{-2} to 4.3×10^{-2} GPa/K for a pyrolite mantle. Our measured **value** of vertical bar ((partial-derivative) $G / (\partial T / \partial P)$) vertical bar is 2...
 ...the $[(\partial \ln V(s) / \partial \ln V(P))]$ **value** that was observed at seismic frequencies (on the order of 1 Hz), without invoking anelastic compared them with the **values** inferred for the hot, adiabatically decompressed lower mantle (B4) (B5) [$K(0)(T) = 213(10)$ and $G(0)(T) = 130(5)$ GPa] as a **function** of the Si/(Mg + Fe) ratio and the potential temperature. Our model lower mantle consisted...
 ...Fig. 3). Higher temperatures are associated with higher Si/(Mg + Fe) ratios. For the lower **values** of a and $(\partial K / \partial T)$, which were determined in...
 ...approximate equal to 1500 K and Si/(Mg + Fe) approximate equal to 0.78, a **value** between the **values** for pyrolite (B8) and C1 carbonaceous chondritic meteorites (B22). Within the model uncertainties, pyrolitic and ...
 ...are permissible, but pure enstatite (perovskite with no magnesiowuestite) models are not. For the higher **values** of a and $(\partial K / \partial T)$ that were determined in...
 ...potential temperature range between 600 and 2100 K. The uncertainty of 10% in the measured **value** of $(\partial G / \partial T)$ results in variations of ± 0.02 ...

... Begin Table : Columns 1 - 5 of 5

Caption:
 Density (ρ), G , and the derivatives of G from ultrasonic measurements...

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: The area for which the logistic model predicts a 50% probability of population persistence.

Footnote:

Numbers in parentheses give sample sizes.

End Table: Columns 1 - 6 of 8

Begin Table : Columns 7 - 8 of 8

Caption:

Results of...

26/K/19 (Item 12 from file: 370)

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: 26 0.06 0.72 -2.4 (-22.6) -2.1 (-17.3)

End Table: Columns 1 - 9 of 9

Figure F3

Caption: Zonally averaged trees fraction (A) and desert fraction...

...Figure Removed

Figure F4

Caption: Meridional transport stream function (in Sv = 10.sup(6) m.sup(3)/s) in the Atlantic for the control...

26/K/20 (Item 13 from file: 370)

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: pSU38::ORF1-cat harbors ORF1::cat cassette Reference B16 .

Footnote:

The conduction frequency is the number of Ampr ((omega) 3 and (omega) 5) or Cmr ((omega) 8 and (omega) 9) transconjugants divided by the number of Tpr transconjugants. The frequencies of the integration of the cassette alone versus the total...

...clones among the Ampr ((omega) 5)

or Cmr ((omega) 9) colonies and are given in parentheses .

End Table: Columns 1 - 3 of 3

Figure F2

Caption: The V. cholerae gene intI4. (A) Schematic representation...

...and initiation factor 3; arrows show the directions of transcription.

(B) Alignment of IntI4 (accession number AF 055586) and the three integron integrases (B26...

26/K/21 (Item 14 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: new and fascinating benzene isomers are still being discovered (B1) . In contrast to the large **number** of possible C.inf(6)H.inf(6) isomers [217 generated by a computer-aided procedure (B2)], the **number** of possible valence isomers of benzene [(CH).inf(6)] is quite small (Fig. 1). To...

...In addition to these valence isomers, which obey the octet rule, one can imagine a **number** of biradical structures. So far, none of these species have been isolated, although anti-tricyclohexylene...

...Interestingly, the P-P bonds between the two three-membered rings [2.634(3) angstrom] (**parentheses** indicate the error in the last digit) are by far the longest P-P bonds ever reported (B17) but are clearly less...state (with zero-point energy corrections). An analysis of a multiconfiguration self-consistent field wave **function** emphasizes the closed-shell nature of 3P [complete active space (12,12)/6-31g(d...

...Figure Removed

Begin Table : Columns 1 - 8 of 8

Caption:
Calculated relative energies (in kilojoules per mole) for the radicals 2P...

26/K/22 (Item 15 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: Combinatorial materials libraries, which are designed to explore large **numbers** of empirically or theoretically defined compositions, are synthesized by sequentially depositing thin-film precursors at...

...methods were used to generate a library of silicate and gallate host materials containing a **number** of different activators. This particular library is based on the observation that some silicate-and...nm); and C.inf(3): Y.inf(2)O.inf(3) (82.5 nm). The **numbers** in **parentheses** are film thicknesses, and the notation X.inf(i) represents a deposition step with mask...

...precursors and subsequent phase formation. Rutherford backscattering and x-ray diffraction (XRD) studies on a **number** of different films suggested that extended annealing at low temperatures (100.Deg. to 400.Deg...with an energy spacing corresponding to 2100 cm.sup(-1). The emission intensity as a **function** of x and y is shown in Fig. 3, B and C. The highest PL...

...it is possible that Si may have substituted into the tetrahedral sites of Ga and **functions** as the activator in the host lattice of Gd.inf(3)Ga.inf(5)O...Figure Removed

Begin Table : Columns 1 - 4 of 4

Caption:

The CIE coordinates (x, y) and Q (in arbitrary units) of...

26/K/23 (Item 16 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: for molecules that are polarized beyond the cyanine limit, that is, for molecules with high values of both (μ) and $(\Delta) a...$

...polarized reading beam (Table 1). For composites 1 to 6, the diffraction efficiency as a function of applied field follows the oscillatory behavior of the \sin^2 functional dependence of...1 and 2 exhibit a first maximum of the normalized diffraction efficiency (normalized to the value measured at $E \cdot \inf(\pi) \cdot \inf(2)$ and corrected for small electro-absorption effects) at...

...max) at $E \cdot \inf(\pi) \cdot \inf(2)$ is 30% for composite 4 (Table 1). This value can be further optimized by reducing the sensitizer concentration, that is, reducing the absorption of...

...beta) could be obtained for DHADC-MPN, DMNPAA, and NPADVBB (Table 2). The dispersion-free value of the electro-optic hyperpolarizability $(\beta) \cdot \inf(0) \cdot \sup(E0)$ was calculated using the standard...

...vector K (Fig. 2A). This analysis was carried out for composites 4, 6, and 7 (values in parentheses in Table 2). These calculations do not have any adjustable parameters. Good agreement between the values of $(\Delta) a$ and $(\beta) \cdot \inf(0) \cdot \sup(E0)$ deduced from the two types of...was obtained clearly demonstrates the potential of the technique. Highly efficient PR polymers offer a number of advantages over the recording media used for HTG in the past [such as photographic...

...Figure Removed
Removed

Begin Table : Columns 1 - 6 of 6

Caption:

Numbering scheme and PR properties of several polymer composites (n, average...

26/K/24 (Item 17 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: Reference B44. Because the diffraction was anisotropic, reflections with 1 indices that had an absolute value greater than 18, corresponding to a 3.9 angstrom resolution cutoff along the c axis...

...5.6)
Resolution range for refinement (angstrom 15 to 2.3 15 to 2.8)

Number of protein atoms	5740	5724
Number of water molecules	70	0
Number of heterogen atoms	72	95
Rmsd bond lengths (angstrom)	0.007	0.010
Rmsd bond...		

...12.5

2)		, 22.6
Average B-factor (angstrom 2)	52.2	20.5

Footnote:

Numbers in parentheses correspond to the complete data set before truncation.

Footnote:

Rsym = (Sigma) h (Sigma) i vertical...position of each enzyme is shown at the beginning of each line, and the residue numbers for VC.inf(1) and IIC.inf(2) are indicated above and below the alignment...

...Figure Removed

Begin Table : Columns 1 - 5 of 6

Caption:

Structure- function correlations of various adenylyl cyclase mutants. Mutations made in different isoforms of adenylyl cyclase (first...

26/K/25 (Item 18 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: 485

Footnote:

Values in parentheses correspond to the highest resolution shell of data.

End Table: Columns 1 - 4 of 7

Begin Table : Columns 5 - 7 of 7

Caption:

Experimental. The...Figure Removed

Begin Table : Columns 1 - 4 of 4

Caption:

Coordination geometry of CuA and CuB. The SOLV ligand could be...

26/K/26 (Item 19 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: Figure Removed

Begin Table : Columns 1 - 4 of 4

Caption:

Observed and calculated d- values for the high-pressure phase of Al2O3.

h k l	dobs (angstrom)	dcalc (angstrom)	dobs...
-------	-------------------	--------------------	---------

...V = 132.4(3) angstrom 3, with uncertainties in the last decimal places indicated in parentheses .

End Table: Columns 1 - 4 of 4

Begin Table : Columns 1 - 4 of 4

Caption:

Unit-cell...

26/K/27 (Item 20 from file: 370)

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: Structural and functional predictions for uncharacterized proteins in COGs.

Phylogenetic pattern and COG ID	Proteins in COG	Activity and function
---------------------------------------	-----------------	-----------------------

e...two proteins
from M. pneumoniae, and so forth.

Footnote:

The PDB accession is indicated in parentheses .

End Table: Columns 1 - 3 of 5

Begin Table : Columns 4 - 5 of 5

Caption:

Structural and...

26/K/28 (Item 21 from file: 370)

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: The focal nature of TSC-associated hamartomas has suggested that TSC1 and TSC2 may function as tumor suppressor genes. The occurrence of inactivating germline mutations of TSC2 in patients with...

...locus in about 50% of TSC-associated hamartomas (B12) (B13) (B14) supports a tumor suppressor function for TSC2. In contrast, LOH at the TSC1 locus has been detected in <10% of...Database searches identified a possible homolog of TSC1 in the yeast Schizosaccharomyces pombe (GenBank accession number Q09778), a hypothetical 103-kD protein, but there were no strong matches with vertebrate proteins...

...Our results support the hypothesis that TSC1 functions as a tumor suppressor gene. First, the majority of mutations are likely to inactivate protein function . Second, in two TSC-associated tumors we have shown that loss of the wild-type...for both rap1 and rab5, members of the Ras

superfamily of small GTPases. The physiological **function** of the rap1 GTPase is not understood, whereas rab5 is thought to be involved in...

...how a deficiency of GAP activity for rap1 or rab5, if that is the critical **function** of tuberin, leads to hamartoma development. The sequence homology of hamartin to a putative S...

...pathway of eukaryotic cell growth regulation. The identification of TSC1 will enable analysis of the **functions** of both hamartin and tuberin, and may permit further insight into the molecular pathogenesis of...

...of Mlu I (M) sites (with sites that partially cut in genomic DNA shown in **parentheses**) and of probes used to screen the region for rearrangements in patients with TSC by...

...underlined. The TSC1 genomic sequence and the cDNA sequence have been deposited in GenBank (accession **numbers** AC002096 and AF013168, respectively...

...Figure Removed

Begin Table : Columns 1 - 5 of 5

Caption:

All mutations found in TSC1.

26/K/29 (Item 22 from file: 370)

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: lna +2 +/- 1 -6 +/- 1 -17 +/- 2 -30 +/- 3 -39
+/-

5

(vapor-monomer)

End Table: Columns 1 - 6 of 6

Figure F2

Caption: Epidote-water D-H fractionation. (A) Comparison between...

...in 1000 ln a.inf(epidote-water). (B) Epidote-water D-H fractionation as a **function** of pressure and temperature with the experimental results of Graham et al. (B15) , Vennemann and...

26/K/30 (Item 23 from file: 370)

DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: Peter Lake 2.7 5.7 3.9 3.7 1.6
Enriched

End Table: Columns 1 - 7 of 7

Figure F1

Caption: (A) Effect of P input rate on primary...

...estimated primary production rate in 1992 to 1995 (correlation -0.84, P

< 0.001). Positive **values** of CO.inf(2) flux represent net flow of C out of the lake, and negative **values** represent net flow of C into the lake. The dashed line represents lakes that are...

...1994 to 1995). Data are shown as the mean +/- SD. Sample sizes are given in **parentheses**. Dotted line in bottom panel represents dissolved CO.inf(2) in equilibrium with the atmosphere...

...of three pelagic food web components [(A) Algae, (B) zooplankton, and (C) fish] as a **function** of CO.inf(2) flux rate between lakes and the atmosphere (correlation coefficients shown, all...
 ...C.inf(atm) into lakes due to CO.inf(2) drawdown results in relatively high **values** of $(\Delta)^{sup(13)}C$. Lower **values** represent decreasing degree of CO.inf(2) drawdown and an increasing importance of terrigenous C
 ...

...shown for 1994 and 1995 for each of the four lakes in the experiment. Negative **values** of CO.inf(2) flux represent net flow of C into lakes, and positive **values** represent net flow out of lakes. Symbols are as described in Fig. 1...

26/K/31 (Item 24 from file: 370)
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(THIS IS THE FULLTEXT)

```
...Text:      0.999855      0.99997      1
x5            1.485936      1.000194      0.99997      1
End Table: Columns 1 - 5 of 5
```

Figure F1

Caption: One-dimensional slice through a 154-dimensional objective **function** associated with a residual statics problem...

26/K/32 (Item 25 from file: 370)
 DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: depth profiles computed through the use of SAT records from nearby weather stations as forcing **functions** at Earth's surface reproduce many features of borehole temperature profiles (B7) (B8) (B9) (B10...

...computed by expressing annual mean SAT time series in terms of a series of step **functions**. For a surface temperature history $(\Delta) T(0, (\tau))$ composed of n individual step changes...

...inf(i) erfc((z)/(Radical{(4a (tau) .inf(i))})) where erfc is the complementary error **function** and a is thermal diffusivity. However, to perform this calculation, a long-term or preobservational...

...time of the first annual mean. In practice, the POM is determined by finding the **value** that minimizes the misfit between the reduced temperatures and the synthetic transient temperatures computed from...

...River for the time period 1911 to 1979 (Fig. 2A) are used as a forcing **function** to compute synthetic transient temperature-depth profiles. Three choices of POM, each separated by 0.6.Deg.C, are shown and quoted relative

to the 1951 to 1970 mean **value** : a POM I of 0.0.Deg.C representative of the 1951 to 1970 mean...

...We calculated synthetic transient temperature profiles (solid lines in Fig. 2B) by coupling a particular **value** of the POM with the SAT data. For the highest initial temperature scenario (POM I...

...are zero or negative for most of the borehole. In contrast, for the lowest POM **value** (POM III), the SAT record is warmer than the baseline temperature, and the synthetic transient...

...An intermediate **value** of -0.6.Deg.C (POM II) produces the transient that most closely matches the...

...well in both amplitude and depth. For this example, the SAT 1951 to 1970 mean **value** is 11.0.Deg.C, and thus we infer that the baseline temperature at Green...4 (circles) is plotted relative to each POM. (C) Root-mean-square misfit as a **function** of the POM illustrating the best fit for POM II...B22) . Linear century trends (.Deg.C per 100 years) are computed from SAT data alone (**parentheses**) and from SAT data constrained by the POM...

...Figure Removed

Begin Table : Columns 1 - 6 of 6

Caption:

Fits between meteorological stations and boreholes. SAT average is based on...

26/K/33 (Item 26 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text:	120 +/- 70	
sickle (hypernodulating)		220 +/- 70
domi (non-nodulating)		0.3 +/- 0.3
End Table:	Columns 1 - 2 of 2	

Figure F3

Caption: Leghemoglobin expression in wild-type M. truncatula and...

...C) and sickle (D) seedlings to exogenous ACC (0 to 100 (mu) M, at the **values** shown in **parentheses**). The triple response of the wild type to ACC is evidenced by shortened hypocotyls and...

...of M. truncatula. (A) Suppression of nodulation in the wild type by ACC as a **function** of symbiotic development. Nodulation is efficiently suppressed when ACC is applied during the primary infection...

26/K/34 (Item 27 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: work by x-ray diffraction (XRD). The XRD and TEM (B14) probes yielded slightly different **values** for the mean diameter <d.inf(t)>.

Values for $\langle d_{\text{inf}}(t) \rangle$ consistent with a (10,10) tube were determined by XRD, in...proportional to n and is given by $d_{\text{inf}}(t) (\text{angstrom}) = 1.357n$, where the value $a = 1.421$ angstrom has been used for the C-C bond length...

...both parallel and perpendicular to the horizontal plane of incidence. Individual intensity scaling (indicated in **parentheses**), together with a constant baseline shift, have been carried out for the low-, mid-, and...In Fig. 3, we display room-temperature Raman spectra for the same sample as a **function** of laser excitation frequency. The spectra are stacked with the longest wavelength (lowest energy) excitation...observed to be 186 cm^{-1} for 514.5-nm excitation, a few wave **numbers** greater than the 183- cm^{-1} value predicted for the (9,9) nanotube. However, at 1064-nm excitation, the A_{1g} band peak has shifted to 180 cm^{-1} , a value midway between the A_{1g} mode frequencies expected for (9,9) and (10,10)... A_{1g} band is centered at 169 cm^{-1} , slightly greater than the value 165 cm^{-1} predicted for a (10,10) tube, and furthermore, clear shoulders are...Figure Removed

Begin Table : Columns 1 - 8 of 8

Caption:

First-order Raman-active vibrational mode frequencies in wave numbers for...

26/K/35 (Item 28 from file: 370)
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

(THIS IS THE FULLTEXT)

...Text: I)-I(IV),

XII(I)-I(VIII)

Footnote:

Each helix is denoted by a helix **number** followed by a subunit **number** in boldface and **parenthesis**.

End Table: Columns 1 - 3 of 3

Figure F3

Caption: Stereoscopic drawings of C_{inf}(a)-backbone trace...a small light blue ball denote heme planes and Cu_{inf}(B), respectively. Black Roman **numerals** in yellow, indigo, and green circles denote the helix **number** of subunits I, II, and III, respectively. White letters in the other circles indicate nuclear...

26/K/36 (Item 29 from file: 370)
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(THIS IS THE FULLTEXT)

...Text: 5 Reference B22

9.6 12.5 (100) 15.5

ND Reference B23

End Table: Columns 1 - 5 of 5

Figure F2

Caption: Snapshots of the hydrated Na-Mt in its...

...Figure Removed

Figure F3

Caption: Density distributions $\rho(z)$ of water oxygens as a function of the distance z from the octahedral sheet. Results are shown for basal spacings of...



STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader
272-3490, RND 4B28

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➤ I am an examiner in Workgroup: Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

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